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PN - JP9110604 A 19970428
PD - 1997-04-28
PR - JP19950263020 19951011
OPD - 1995-10-11
TI - GERMICIDAL POWDER FOR AGRICULTURE
IN - YAGYU NORIHIDE; KUNITACHI TOMOYUKI; YONEMURA SHINJI
PA - HOKKO CHEM IND CO
IC - A01N25/12 ; A01N25/02 ; A01N25/24 ; A01N25/30 ; A01N43/12 ; A01N43/16

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TI - Agricultural bactericidal powder agent - comprises bactericidal compound non-volatile organic solvent, nonionic surfactant and solid carrier.
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PN - JP9110604 A 19970428 DW199727 A01N25/12 009pp
PA - (HOKK) HOKKO CHEM IND CO LTD
IC - A01N25/02 ; A01N25/12 ; A01N25/24 ; A01N25/30 ; A01N43/12 ; A01N43/16
AB - J09110604 Bactericidal powder agent comprises a bactericidal compound, a nonvolatile organic solvent, nonionic surfactant and solid carrier.
 - USE/ADVANTAGE - The bactericidal powder agent is useful for agricultural, particularly for rice field and fruit trees. The bactericidal compound has high bactericidal activity and the amount of the bactericidal compound required to show the same level of bactericidal activity can be decreased from the conventional level and the effects of the agent to the soil, water and the total environment can be decreased and the safety can be improved.
 - In an example, 2.53 pts.wt. phthalide (purity of 99.0 %), 10.0 pts.wt. methyl naphthalene, 0.5 pts.wt. polyoxyethylene tristeryl phenyl ether, 0.5 pts.wt. 'Driless A' (TM, (sic), a drift preventing agent), 89.0 pts.wt. white carbon and 8.47 pts.wt. clay were mixed and crushed using a hammer mill to provide powder agent. (Dwg. 0/0)
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TI - GERMICIDAL POWDER FOR AGRICULTURE
AB - PROBLEM TO BE SOLVED: To obtain germicidal powder for agriculture having improved properties regarding deposit on a plant body and germicidal effect by compounding a germicidal compound with two kinds of specific additives and supporting them on a solid carrier.
 - SOLUTION: A germicidal compound, a nonvolatile organic solvent and a nonionic surfactant as essential components are added to a solid carrier. Any compound effective as an agricultural germicidal agent for paddy-rice plant, a fruit tree, vegetables, etc., can be used as the germicidal compound. Its content in the preparation is about 0.1-50wt.%. A solvent especially having a boiling point of ≥ 150 deg.C such as methylnaphthalene or phenylxylylethane is preferably used as the nonvolatile organic solvent. Its content is about 0.1-10wt.% of the total amount of the preparation, and the ratio to the germicidal compound is $\geq 1:0.1$. The nonionic surfactant has preferably HLB of between 5-15 since such a surfactant has a large deposit. The content is about 0.1-5wt.% of the total amount of the preparation, and the ratio to the inactive organic solvent is 1:0.01 to 1:2.
I - A01N25/12 ; A01N25/02 ; A01N25/24 ; A01N25/30 ; A01N43/12 ; A01N43/16